

Projet: _____ **Type:** _____

Explosion Proof 150W 120-277V 5000K

This light fixture is specially designed for hazardous environments where flammable gases, vapors, or liquids, as well as combustible dust and fibers, may be present. It ensures optimal safety in these high-risk conditions, reducing the dangers associated with explosions. Manufactured to withstand the most demanding conditions, this light fixture is perfectly suited for humid environments, such as industrial and marine installations, as well as other locations exposed to constant moisture. Its robust construction also makes it an ideal choice for applications subject to heavy vibrations, such as installations on heavy or moving equipment. Thanks to its durable and reliable design, it delivers consistent performance, even in the most extreme conditions, ensuring both safety and peace of mind.



CHARACTERISTICS

- Class I, Division 1, Group C, D / Class I, Division 2, Group A, B, C, D / Class I, Zone 1, Group IIB
- Class II, Division 1, Group E, F, G / Class II, Division 2, Group F, G / Class II, Zone 21, Group IIIC
- Class III
- UL 1598 Marine Outside Type (salt water) / UL 1598 Wet Locations



NOMENCLATURE

SERIE									VER.
EX	OU	C	G	D	5	150	1	0	VE
Explosion Proof	UFO	Clear	Gray	120-277V	5000K	150W	C1D1	IP66	VE

PHOTOMETRIC SPECIFICATIONS

LUMENS	21,000
CCT	5000K
ANGLE	120°
C.R.I.	72
DIMMABLE	0-10V DC
PHOTOCELL	N/A
SENSOR	N/A
LUMEN MAINTENANCE L70	150,000 hrs
LED TYPE	SMD3030
LED QTY	232
LED VOLTAGE	48v
LED MAX CURRENT	3.13A
FLICKER	Flicker-Free

MECHANICAL SPECIFICATIONS

HOUSING MATERIAL	Aluminium, Powder Coated
HOUSING FINISH	Grey
LENS MATERIAL	Glass
LENS FINISH	Clear
WEIGHT	18.00 KG
OPERATING TEMP.	-40°C ~ 55°C
APPLICATION	Indoor / Outdoor
INSTALLATION	Surface Mount

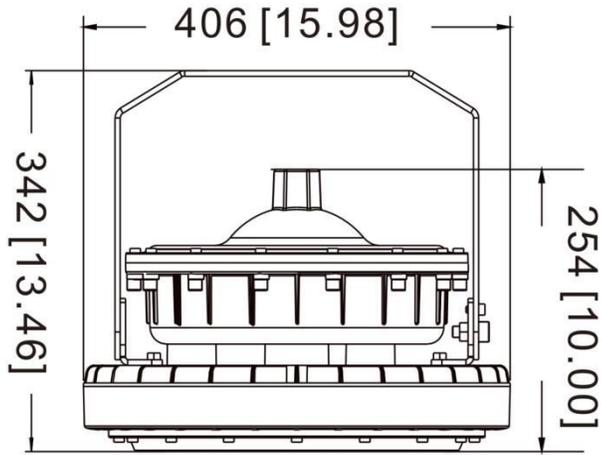
ELECTRICAL SPECIFICATIONS

REAL POWER	150 W
VOLTAGE	100-277V
EFFICIENCY	140 lm/w
POWER FACTOR	90 %
T.H.D	20 %
FREQUENCY	50/60Hz

CERTIFICATIONS

REGULATORY LISTING	cUL
EFFICIENCY LISTING	DLC Standard
DLC ID	S-XBQM5
FCC	No
BARCODE	0
ENVIRONMENTAL	IP66
IK PROTECTION	IK08
SURGE PROTECTION WITH GROUNDING	6KV
SURGE PROTECTION WITHOUT GROUNDING	4KV

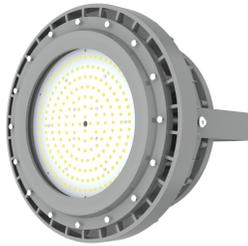
DIMENSIONS



PACKAGING

DIMENSION INNER CARTON	DIMENSION OUTER CARTON	QUANTITY MASTER	MASTER WEIGHT	PALLET QUANTITY
55.00 cm X 52.00 cm X 36.00 cm	N/A	N/A	19.00 kg	15 
21 5/8" X 20 1/2" X 14 1/8"			41.89 lbs	

PRODUCTS IMAGES



3c. What is the Group mean?

Group	Type of Hazardous Material
Group A	Atmosphere containing acetylene
Class I	Group B Atmosphere containing a flammable gas, a flammable liquid produced vapor, or a combustible liquid produced vapor mixed with air that may burn or explode, having either a MESH (Maximum Experimental Safe Concentration) value less than or equal to 0.45 (vol) or a MEC (Minimum Igniting Concentration) value less than or equal to 0.45 – such as hydrogen or fuel and combustible process gases containing more than 20% hydrogen by volume – or gases of equivalent hazard such as butadiene, ethylene oxide, propylene oxide and acetylene
	Group C Atmosphere containing a flammable gas, a flammable liquid produced vapor or a combustible liquid produced vapor whose MESH is greater than 0.75 (vol) or MEC value is greater than 0.45 and less than 0.80 – such as carbon monoxide, ether, hydrogen sulfide, naphthalene, cyclopropane, ethyl, isoprene, acetaldehyde and acetylene or gases of equivalent hazard
	Group D Atmosphere containing flammable gas, flammable liquid produced vapor, or combustible liquid produced vapor mixed with air that may burn or explode, having either a MESH value greater than 0.75 (vol) or a MEC value greater than 0.80 – such as gasoline, acetone, petroleum, benzene, butane, ethanol, heptane, methanol, methane, vinyl chloride, natural gas, nitrogen, propane or gases of equivalent hazard
	Group E Atmosphere containing combustible metal dusts, including aluminum, magnesium, bronze, chromium, titanium, zinc and their commercial alloys or other combustible dusts whose particle size, abrasiveness and conductivity present similar hazards in connection with electrical equipment
Class II	Group F Atmosphere containing carbonaceous dusts, carbon black, coal black, charcoal, coal or coke dusts that have more than 100 total suspended particles or dusts that have been oxidized by other materials so they present an explosion hazard
	Group G Atmosphere containing combustible dust not included in Group E & F – such as flour, grain, starch, sugar, wood, plastics and chemicals

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